

**TENDER**  
**for**  
**Procurement of Biomedical Equipment**  
**under the project “Indo-German Programme on**  
**Universal Health Coverage (IGUHC)”, India**

**Tender Number: 91153196**

Date: 20<sup>th</sup> August 2021

### Brief Tender Notification

<b>Particulars</b>	<b>Description</b>
Purpose of Tender	Procurement of Biomedical equipment for various States in India as per the below Terms of Reference.
Tender reference number	<b>91153196</b>
Date of tender announcement	<b>20<sup>th</sup> August, 2021</b>
Site visit by interested bidders	<b>Not Applicable</b>
Last date to submit pre-bid queries by the interested bidders	<b>26<sup>th</sup> August, 2021</b>
Last date to provide clarification to the queries. All the queries will be answered in the form of (Frequently asked question) FAQ and will be uploaded on the website <a href="http://www.tendernews.com">www.tendernews.com</a>	<b>30<sup>th</sup> August, 2021</b>
Last Date and time for submission of bids	<b>15<sup>th</sup> September, 2021, by 17:30hrs</b>
Mode of Submission	<b>Bids to be submitted in sealed envelope as per the given instructions.</b>
Validity of Bids/ Offered Price	06 months from the last date of submission of bids i.e. The selected supplier will not be able to vary from their financial bid until the completion of the Order, if awarded by GIZ
Address for Bid Submission	The Head of Procurement GIZ GmbH 46, Paschimi Marg, Vasant Vihar, New Delhi-110057

## 1 Background

A devastating second wave of COVID-19 is sweeping across India, fuelling a massive spike in the number of cases. **More than 26 million cases** reported in the country so far. Health care providers and facilities are overwhelmed, and essential medical supplies like oxygen, ventilators and biomedical equipment are dwindling. It has also appeared to be different from last year's surge in several ways, increasing worries and anxiety.

In the second wave, 54.5% of admissions required supplemental oxygen during treatment. This marked a 13.4-percentage-point increase from the peak during September and November last year, according to data from 40 centres across the country.

India's clinical management protocol recommends oxygen therapy as the primary form of treatment: the target is to achieve 92-96% SpO<sub>2</sub>, or 88-92% in patients with COPD. It is this category that requires oxygen beds. While the proportion of those requiring oxygen beds is still hovering around under 10%, this number is at an all-time high with India's active caseload.

The state governments have decided to strengthen the Pediatric Intensive Care Units (PICUs) across State. These will effectively help to create special provision for children amid the pandemic rage. This step can forward the administration's vision to impactfully tackle the rising spike of coronavirus amid the second wave and as a proactive approach, in case of the predicted third wave.

The Indo-German Programme on Universal Health Coverage (IGUHC) is part of Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Germany's enterprise for international cooperation.

IGUHC works with the Ministry Health & Family Welfare (MoHFW), the National Health Authority (NHA) and with selected State Governments to provide policy advice and implementation support in the areas of Universal Health Coverage (UHC) and convergence of social security programmes.

IGUHC Programme is also implementing a project on of Corona Measures in India, The programme supports the National Health Authority (NHA) on two levels.

1. At the national level, the triage and identification of Covid-19 patients is supported as a first step. IGUHC supporting the NHA in increasing and improving the quality of existing National Help Line for patients having COVID symptoms.
2. At the federal level, activities are mainly focused on the States whose health care systems are subject to additional burdens from the large number of returning migrant workers from urban areas. Supporting these States in increasing the COVID testing capacities by upgradation of testing laboratories, and upgradation of hospitals for providing the treatments to COVID patients.

## **2 Description of tasks**

Some of the States have requested for GIZ support by providing biomedical equipment for their hospital providing treatment to COVID patients. Thus, to enable the State Governments to provide the treatment to COVID patient in identified hospitals need sourcing of biomedical equipment on immediate basis for strengthening the paediatric wards. IGUHC is looking for supplier who can provide the equipment as per the given specification in para 5, training and maintenance support during warranty period.

## **3 Task to be performed**

Following tasks to be performed by the selected supplier;

1. Supply of **Biomedical equipment** as per the specification at selected Health Department of selected State(s) in time bound manner
2. Onsite training of handling the machines
3. Onsite maintenance and support during the warranty period, this includes repair or replacement.

## **4 Deliverables**

The tender is for procurement and maintenance of **biomedical equipment** as per the specification mention in para 5. The tender consists of two (2) Lots: Bidder's must bid at least for one Lot but is also allowed to bid for both Lots. A bid for any Lot can only be

accepted if it is submitted for all items of that Lot. The evaluation and scoring shall be carried out individually for each Lot. selected bidder must guarantee to supply **all equipment as per specification**, delivery location will be two state (Assam, and Uttar Pradesh) offices.

Suppliers bidding for LOT1, LOT2 OR for both the LOTs, have to submit each proposal respectively with all the required technical as well as financial details in the **separate envelopes**, marking the envelope as;

**LOT-1, Tender for Procurement of Biomedical Equipment under IGUHC Project – REF 91153196**

**LOT-2, Tender for Procurement of Biomedical Equipment under IGUHC Project – REF 91153196**

**5 Specifications:**

LOT 1	
<b>Item. No</b>	<b>1</b>
<b>Item Name</b>	<b>BiPAP</b>
<b>Quantity</b>	<b>130</b>
<b>Specification</b>	<ul style="list-style-type: none"> <li>• Maintains continuous positive pressure in airway at high flow rate.</li> <li>• User interface to be easy to operate, numbers and displays to be clearly visible.</li> <li>• Provides a higher positive pressure airway upon inhalation than upon exhalation.</li> <li>• Built-in air compressor.</li> <li>• Oxygen inlet</li> <li>• Servo-controlled heated humidifier</li> <li>• Spontaneous timing (S/T).</li> <li>• CPAP (Spontaneous), T (Timed), Pressure Assisted Control/Pressure Control (PAC/PC), preferable.</li> <li>• Trigger sensitivity range: 1-10 cm H2O, increments of 1 or automatic.</li> <li>• Noise level to be less than 35 dBA at mid pressure range.</li> <li>• Expiratory relief features that reduce the pressure slightly at the end of each breath to make it easier for the patient to exhale, preferable.</li> <li>• Pressure ramp option that starts pressure at low level and slowly increases over a period.</li> <li>• Automatic positive airway pressure, also called AutoPAP or APAP, preferable</li> <li>• All parts withstand high disinfection procedures.</li> </ul>

	<ul style="list-style-type: none"> <li>• FiO2: 21 to 100 %.</li> <li>• Pressure: 4 to 25 [cmH2O].</li> </ul> <p>Displayed Parameters</p> <ul style="list-style-type: none"> <li>• Display easily readable in low ambient light and sunlight.</li> <li>• Inspiratory and Expiratory pressure</li> <li>• Inspiratory and Expiratory time</li> <li>• FiO2 [%]</li> <li>• Mean Airway Pressure (MAP)</li> <li>• Air leak [%].</li> <li>• Visual and audible for <ul style="list-style-type: none"> <li>○ High/Low Temperature</li> <li>○ High/Low Pressure</li> <li>○ Breathing circuit disconnect.</li> </ul> </li> </ul> <p>Alarms, related to equipment operation.</p> <ul style="list-style-type: none"> <li>• Visual and audible for</li> <li>• Lack of water</li> <li>• System failure</li> <li>• Air filter to be replaced.</li> <li>• Power failure</li> <li>• Low battery.</li> <li>• Consumables, labelled.</li> <li>• “single use”, (included and mentioned in a disaggregated list)</li> <li>• Inlet bacteria filter, if applicable.</li> <li>• Expiratory filters high efficiency.</li> <li>• Nasal mask for adult and pediatric, with tubing.</li> <li>• Oral/nasal mask for adult and pediatric, with tubing.</li> <li>• Helmet for adult and pediatric, with tubing</li> <li>• Accessories, reusable (included and mentioned in a disaggregated list)</li> <li>• Nasal mask for adult and pediatric use with tubing; withstands high level disinfection and sterilization.</li> <li>• Oral/nasal mask for adult and pediatric use with tubing; withstands high level disinfection and sterilization.</li> <li>• Helmet for adult and pediatric use with tubing; withstands high level disinfection and sterilization.</li> <li>• Humidifier accessory, if not integrated in-built.</li> <li>• Connectors for air and oxygen outlets, adaptable for most connectors including barb, NF, DISS and NIST.</li> <li>• Mains power cable to have length <math>\geq 2</math>.</li> </ul>
<b>Item. No</b>	<b>2</b>
<b>Item Name</b>	<b>Bubble CPAP with Compressor for newborns</b>
<b>Quantity</b>	<b>30</b>

<p><b>Specification</b></p>	<ul style="list-style-type: none"> <li>• Suitable for treating new-borns with respiratory distress weighing 500gms to 5000gms.</li> <li>• CPAP pressure with oscillations should be generated by creating resistance in water column and bubbling of exhaled gas in the water column.</li> <li>• The system should be suitable for both CPAP and high flow nasal cannula therapy.</li> </ul> <p><b>Humidifier</b></p> <ul style="list-style-type: none"> <li>• It should have servo controlled heated humidifier with following features. Temperature and flow sensor with feedback mechanism. Monitoring temperature of gas at chamber end and near patient end additionally temperature of airway, chamber and heater plate. Display for temperature of saturated gas. Modes: intubated and mask mode.</li> </ul> <p><b>Alarms</b></p> <ul style="list-style-type: none"> <li>• High temperature and low temperature.</li> <li>• Water out alarm / POP off pressure adjustment.</li> <li>• Heater adaptor faulty/ disconnect.</li> <li>• Temp cum probe faulty / disconnect.</li> <li>• Hardware faults.</li> </ul> <p><b>Delivery system</b></p> <ul style="list-style-type: none"> <li>• The patient heating circuit should have integrated spiral heated coil for uniform heating.</li> <li>• The delivery system should have Maximum Input Flow- 15L/min and maximum mean CPAP- 15cmH<sub>2</sub>O.</li> <li>• Humidification chamber should be auto feed with dual float system.</li> <li>• Chamber Compressible volume 260- 300 ml</li> <li>• Max peak flow should be 180ltr/min.</li> <li>• CPAP Bubble generator should have adjustable probe for pressure settings 3-10 cm of H<sub>2</sub>O. It should have detachable overflow container to maintain constant water level. Volume for generator ~ 500ml.</li> <li>• The system should have safety mechanism with pressure relief valve and ports for pressure and Fio<sub>2</sub> monitoring. Pressure relief should be 17 cmh<sub>2</sub>O and above @8L.</li> </ul> <p><b>Air/Oxygen Blender</b>  <b>Oxygen % Range:</b> 21 to 100%  <b>Oxygen % Accuracy:</b> ±3% of full scale  <b>Supply Pressure:</b> 30-75 psi (207-517 kPa) Air &amp; oxygen must be within 10 psi (69 kPa) of each</p>
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	<p>other.</p> <p><b>Dual Integrated flowmeter</b> Left flowmeter 0-15 lpm and right flowmeter 0-3.5 LPM.</p> <p><b>Alarm/Bypass Reset:</b> when inlet gas pressure differential is <math>\geq 6</math> psi (42 kPa).</p> <p><b>Alarm Intensity:</b> ~80 dB at 1 foot</p> <p><b>Interface</b></p> <ul style="list-style-type: none"> <li>Nasal prongs/ masks of silicon of at least five different sizes useful for babies weighing between 750-1250g, 1250-1750g, 1750-2000g, 2000-2500g. Where the resistance to flow at pressure port of nasal tubing should be 0.4 cm H<sub>2</sub>O, 0.6cmH<sub>2</sub>O or 0.2cm/H<sub>2</sub>O.</li> <li>Flexible nasal tubing with glider technology from block and fixing guide with sizes ranging from 50mm to 100mm where resistance to flow should be 0.49cm/H<sub>2</sub>O, 0.53cm/H<sub>2</sub>O, 0.55cm/H<sub>2</sub>O respectively flow of 6 lit/min.</li> <li>Infant caps of following sizes: 17-22, 22-25, 25-29, 29-36cm Circumference.</li> <li>Nasal cannula of preterm and term sizes. Cannula should be kink proof and have hydrocolloid-based adhesive to secure on skin and facilitate kangaroo mother care.</li> <li>Nasal masks suitable for preterm and term babies.</li> <li>Nasal masks should be interchangeable to nasal prongs.</li> <li>The mask should be soft and anatomically shaped.</li> <li>The existing bubble CPAP system should be able to be easily transitioned into HFNC without having to change the circuit. Compatible Pressure manifold should be supplied in order to maintain safety for neonate.</li> <li>It should have mobile trolley to fix Humidifier, CPAP generator and monitor and pole with castors &amp; IV hook and mounting brackets Gas supply lines to blender.</li> </ul> <p><b>Certification</b> The entire system including Air oxygen blender should be US FDA approved.</p>
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<b>LOT 2</b>	
<b>Item. No</b>	<b>1</b>
<b>Item Name</b>	<b>Single Channel ECG Machine</b>
<b>Quantity</b>	<b>10</b>
<b>Specification</b>	<p>Single Channel ECG Machine with adult, paediatric and neo natal leads: -</p> <ul style="list-style-type: none"> <li>Single Channel ECG Recording.</li> <li>Last Memorized ECG recording &amp; additional copies available.</li> <li>Automatic and Manual recording modes.</li> <li>Dual Power Supply: Mains and battery Operation.</li> </ul>

	<ul style="list-style-type: none"> <li>• Thermal Printing on 50 mm paper.</li> <li>• Compact design, lightweight &amp; portable.</li> <li>• Should have CE and ISO 13485:2016 certification.</li> <li>• Warranty: minimum 5 years</li> </ul>
<b>Item. No</b>	<b>2</b>
<b>Item Name</b>	<b>12 Channel Portable ECG Machine</b>
<b>Quantity</b>	<b>20</b>
<b>Specification</b>	<ul style="list-style-type: none"> <li>• Should have minimum 8" high resolution colour touch-screen.</li> <li>• Should have alphanumeric keyboard and one touch operation.</li> <li>• Should have 12 leads simultaneously.</li> <li>• Should be Automatic measurement and interpretation tested with authoritative CSE/AHA/MIT database</li> <li>• Should be Built in rechargeable Li-ion battery for 300 or more ECG report printing.</li> <li>• Should have minimum 200 or more ECG recordings storage capacity.</li> <li>• Rhythm should be Single or Three channel selectable.</li> <li>• Should have Auto/Manual/Rhythm/R-R/off</li> <li>• Should have inbuilt/external Thermal Printer compatible for A4 size paper.</li> <li>• Record speed should 5mm/s, 6.25mm/s, 10mm/s, 12.5mm/s, 25mm/s, 50mm/s (<math>\pm 3\%</math>)</li> <li>• Should have Display size minimum 320X240 dots single colour /multicolour LCD Screen.</li> <li>• Should have Automatic Baseline Adjustment</li> <li>• Data transmitting to PC via LAN &amp;Wi-Fi</li> <li>• AC: 100V-115V/220V, 50/60 Hz, built-in rechargeable Li-ion battery or lead acid battery or any rechargeable battery; voltage =14.8V</li> <li>• Should be support through linear/2D BARCODE SCANNER</li> <li>• Weight should be max. 5kg.</li> <li>• Should have maximum 420mm* 330mm* 105mm dimension.</li> <li>• Should have USFDA/ European CE by notified body and ISO 9001:2008 and ISO 13485:2016 certification.</li> <li>• Warranty: minimum 5 years.</li> </ul>
<b>Item. No</b>	<b>3</b>
<b>Item Name</b>	<b>High Flow Nasal Oxygen Therapy Machine</b>
<b>Quantity</b>	<b>30</b>
<b>Specification</b>	<p>Heated Humidified High Flow Nasal Cannula system – Infant &amp; Paediatric</p> <ol style="list-style-type: none"> <li>1. The device should have integrated flow generator to deliver flows from 2 to 25 liters in junior mode and up to 60 lpm in adult mode.</li> <li>2. Integrated Air/oxygen blending and Fio2 monitoring with facility to deliver wide range of oxygen concentrations from 21 to 100 %.</li> </ol>

3. The oxygen cell should not need infield calibration.
4. Clinician menu for setting range of Fio2 and flow settings.
5. Inbuilt heated humidifier to deliver warm and humid gases to airway. The humidification chamber should have dual float with auto feed system.
6. Display to monitor temperature of humidified gas, flow rate and fio2
7. Visual and audible alarm indication for:
  - a. Tubes disconnect Leaks, tube blockages, and water out and hardware fault with error codes. Audible power failure alarm.
8. The device should have thermal disinfection mode to minimize contamination. Heated tube for sterilization of the device should be provided with the device.
9. Device should not require servicing and should have minimum 2 years manufacturer replacement warranty.
10. **Accessories to be supplied with the system:**
  - Patient breathing tube should be light weight with integrated spiral heating wire with insulating layer to minimize condensation.
  - Soft, flexible anatomically contoured nasal cannula. The cannula should be available in different sizes suitable for infant and pediatric application. It should have hydrocolloid adhesive on Velcro to secure on skin. This should be easily replaceable.
  - Air filter – minimum 2 nos
  - Disinfection kit – minimum 1no
  - Oxygen inlet extension tube- minimum 1no
  - Mounting tray and pole with castors & IV hook
  - The device should be supplied with oxygen flowmeter pole mount for oxygen flow up to 25 liters.

	<ul style="list-style-type: none"> <li>○ Supply frequency:50/60 Hz, Supply voltage:220-240 v</li> <li>○ Sound pressure level ~45dbA@1m</li> <li>○ Oxygen analyzer accuracy +-10 % (within range of 25-80 % Fio2)</li> </ul> <ul style="list-style-type: none"> <li>• The unit should be compliance with international standards. IEC 60601 and ISO 13485 quality standard</li> </ul> <p>11. Certification: US FDA and European CE approved</p> <p>12. Compliant with international standards. IEC 60601 and ISO 13485 quality</p> <p>13. Suitable for use in ICU, HDU, recovery, wards and emergency department.</p>
<b>Item. No</b>	<b>4</b>
<b>Item Name</b>	<b>Pediatric Defibrillator</b>
<b>Quantity</b>	<b>30</b>
<b>Specification</b>	<ul style="list-style-type: none"> <li>• The defibrillator should be latest, lightweight, small size with bright coloured display.</li> <li>• The defibrillator should be Biphasic waveform with 3 wave form display with screen size minimum 6.5 inches diagonal.</li> <li>• It should display of both selected and delivered energy.</li> <li>• The machine should have facility to increase/decrease energy selection on paddles as well as on unit.</li> <li>• In manual mode the unit should provide energy selection at (2-10, 15, 20, 30, 50,70,85,100,150,200) joules.</li> <li>• It should have ability to measure chest compression rate and depth in real time with both visual &amp; audible feedback for rate and depth with CPR INDEX for adult and paediatric patients.</li> <li>• The unit should have transcutaneous external pacing with 40 milli-second pulse width.</li> <li>• The unit should do self-test daily with facility to give print out of defibrillator testing report and also have code ready indicator on unit.</li> <li>• It should have ability to filter out CPR artifacts and allowing person to see organized filtered rhythms without interrupting chest compressions.</li> <li>• The CPR should be noise-free.</li> <li>• The Unit should be supplied with following accessories</li> <li>• Battery backup should be at least 60 mins or more.</li> <li>• 3-lead ECG cable- 1 nos.</li> </ul>

	<ul style="list-style-type: none"> <li>• External defibrillator paddles (paediatric inbuilt in adult)- 1 nos.</li> <li>• CPR feedback sensor with defibrillation pads for adult/paediatric patients – 2 nos.</li> <li>• The unit should be upgradable to Spo2, NIBP &amp; ETCO2 and to internal defibrillation facility if required. (The price to be quoted as optional, the price of which will be taken into evaluation) along with accessories, if any.</li> <li>• The model should confirm to IEC 60601-1:2005.</li> <li>• Should have European CE, ISO 9001:2015, ISO 13485:2016, &amp; ISO 14001:2015 certification.</li> <li>• Warranty: minimum 5 years including battery.</li> </ul>
<b>Item. No</b>	<b>5</b>
<b>Item Name</b>	<b>Ophthalmoscope</b>
<b>Quantity</b>	<b>30</b>
<b>Specification</b>	<ul style="list-style-type: none"> <li>• Should have on/off button for illumination and battery operated.</li> <li>• Should have rotating knob to control the intensity of the ophthalmoscope and should be used with filters that eliminate UV radiation (&lt;400nm) and, whenever possible, filters that illuminates short-wavelength blue light(&lt;420nm);</li> <li>• 3)Should have the range of +20 to -20 in single dioptre steps to ensure easy examination of all ocular structures. <ul style="list-style-type: none"> <li>○ Should have apertures shape: large spot, small spot, slit.</li> </ul> </li> <li>• central net, and red free</li> <li>• User's interface: Manual</li> <li>• Dimensions(metric): Max 50mm X 50mm X 250mm</li> <li>• Mobility, Portability: Handheld Device, Battery operated</li> <li>• Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed System):1) Replacement bulb/illumination source -2 Nos. &amp; 2) Storage case (rigid 1)</li> <li>• Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal Circumstances.</li> <li>• Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.and steady).</li> <li>• Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.</li> </ul> <p>Standard &amp; Safety:</p> <ul style="list-style-type: none"> <li>• Should have IEC 60601-1/IEC 60601-1-2/CE (EU) certificate</li> <li>• Optical radiation hazards with ophthalmoscopes: ISO 10942 or ISO 15004</li> </ul>

	<ul style="list-style-type: none"> <li>• Manufacturer/supplier should have ISO 13485:2003 certificate for quality Certificate of calibration and inspection from the manufacturer.</li> <li>• Certificate of calibration and inspection from the manufacturer</li> </ul> <p>Maintenance:</p> <ul style="list-style-type: none"> <li>• Maintenance manual detailing.</li> <li>• Complete maintenance schedule</li> </ul> <p>Service Contract</p> <ul style="list-style-type: none"> <li>• The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee/warranty period should be attached.</li> <li>• Free servicing (min. 2/year) during warranty period.</li> <li>• Documentation: Should provide 2 sets (hardcopy) of. <ul style="list-style-type: none"> <li>• 1)User technical, maintenance and service manuals to be supplied along with machine diagrams.</li> </ul> </li> <li>• List of equipment and procedures required for local calibration and routine maintenance.</li> <li>• Certificate of calibration and inspection.</li> <li>• List of important spares and accessories, with their part numbers and cost.</li> <li>• Any warning signs would be adequately displayed.</li> <li>• ISO9001:2008 Certified</li> <li>• Warranty for minimum 2 years</li> </ul>
<b>Item. No</b>	<b>6</b>
<b>Item Name</b>	<b>Otoscope</b>
<b>Quantity</b>	<b>30</b>
<b>Specification</b>	<p>Otoscope (0-18years)</p> <ul style="list-style-type: none"> <li>• Should be a convenient pocket type otoscope.</li> <li>• Should be provided with a halogen light source.</li> <li>• Should be able to detach the otoscope head.</li> <li>• Should provide no reflections and obstructions.</li> <li>• Should provide detachable accessories of various sizes.</li> <li>• Should have in built rechargeable battery. Recharge</li> <li>• Should have standard magnification.</li> <li>• should be possible with direct mains supply.</li> <li>• Should have valid ISO-9001:2008 Certifications.</li> <li>• CE Certified.</li> <li>• Warranty for 2 years</li> </ul>
<b>Item. No</b>	<b>7</b>
<b>Item Name</b>	<b>Non-Rebreathing Mask (Infant to pediatric)</b>
<b>Quantity</b>	<b>1000</b>
<b>Specification</b>	<p>Oxygen Face Mask with Reservoir Bag- Child</p> <ul style="list-style-type: none"> <li>• latex free odourless transparent mask and tubing</li> <li>• Adjustable elastic band</li> </ul>

	<ul style="list-style-type: none"> <li>• Mask designed to fit the face contours.</li> <li>• Mask adult and paediatric sizes</li> <li>• A low resistance check valve on either side of the mask to prevent the re-breathing through the mask and allow exhaled gases to escape.</li> <li>• A valve and a reservoir for oxygen</li> <li>• 1.5 Lt Reservoir bag for adults and 0.75Lt reservoir for kids</li> <li>• Tubing: minimum 7 ft length</li> <li>• Non kinking connecting tube</li> <li>• The company should have valid CE/ ISO 13485:2016/ ISO 9001:2015 certificate.</li> <li>• Warranty for 1 year against any manufacturing defects</li> </ul>
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## 6 Period of Validity of Bids

The Bids shall be valid for acceptance for a period of six month from the date of opening of the tender.

## 7 Pricing

- The prices quoted must be net per unit inclusive of all packing and delivery charges at the State(s).
- Tenderers should clearly specify whether prices quoted are inclusive of VAT/sales tax/GST or not. Where no specific mention is made of VAT/sales tax or other prices will be deemed to be inclusive of sales tax and other duties.
- Successful tenderers shall not be entitled to any hike in price for any reason other than to compensate the increase in statutory levies during the period of contract. The tenderer is liable to pass out the benefit of decrease/abolition of statutory levies to the GIZ during the period of the contract.

### Payments;

An advance payment upto max. of 10% of Order value can be made to the winning agency upon signing of Order by all the parties.

More than 10% advance shall be paid only against Bank Guarantee.

Rest of the payment shall be paid as per GIZ guidelines.

## 8 Packaging

- a) Responsibility for proper packing.

The bidder will be held responsible for the machine being sufficiently and properly packed for transport by rail/air so as to ensure their being free from loss or injury on arrival at their

destination. The packaging of the machine will be done by and at the expense of the Bidder. All packing cases containers, packing and other similar materials shall be supplied free by the bidder and same will not be returned.

## **9 Terms of Delivery**

The bidder shall deliver the machine to the consignee States' Health Departments in good order (of which GIZ, shall be the sole judge) within the limits of time. But if the delay shall have arisen from any cause such as strikes, lock-out, fire accidents riots etc. which the GIZ may admit as reasonable ground for further time, GIZ may allow such additional time required by circumstances of the case.

## **10 Duration (Delivery period)**

Expected delivery time for all the equipment is within **three weeks** of award of the contract. Bidder can commit the delivery time (in weeks) as per expediency. The delivery time committed by the bidder will be consider for evaluation of bid, 70 % weightage will be awarded for Financial Evaluation and 30 % weightage will be awarded for Delivery time committed by the bidder. Please refer clause 18 for detail on bid evaluation process. For any delay in supply of machine after the committed delivery time at the destination, a penalty of 0.2% per day at total cost of remaining quantity will be imposed to the supplier. Penalty amount will be adjusted with the final payment. Please refer the GTCC guidelines of GIZ for the penalty clause.

In case supply is declared substandard/Fails to comply with specification as mentioned in para 5 tender documents (i.e not fulfilling his obligations) appropriate action that may include forfeiture of security, debarring from future participation in GIZ Tenders or Blacklisting may be invoked.

## **11 Eligibility Criteria**

The supplier submitting a bid has to fulfil the following criteria:

1. The bidder must be in this business in continuation for last three years in this business i.e. from Jan. 2018 to till date which should be supported by undertaking on Firm's Letter Head.

2. The bidder must have annual turnover of INR 10 Crores or above. The bidder must submit financial report of last three consecutive Financial years duly audited by Chartered Accountant.
3. The bidder should be authorised suppliers of biomedical equipment. All the bidders quoting for indigenously manufactured items are required to submit Original authority letter(s). Bidders quoting for imported items shall also be required to submit original authority letter from manufacturer/Marketer-the bidder in this case can however also submit photocopy/scanned copy of authority letter duly attested.
4. The bidder should have legal statutory status in India
5. The bidder should have service centre in India.
6. The bidder has to submit the financial quote in Annexure A for LOT1 and Annexure B for LOT2 for all the equipment in that LOT as mentioned in clause 5, partial bid for any LOT will not be considered.

## **12 Submission of Bid**

Tender will be in two Bid System and should be submitted as follows:

(A) Technical Bid- Envelope "T"

(B) Price Bid-Envelope "P"

Each bid is to be submitted in separate wax sealed envelope marked as "TECHNICAL BID", "PRICE BID". Only those who qualifies in Technical bid will be considered for Financial bid.

### **ENVELOPE -'T'**

- Covering letter clearly indicating the list of enclosures.
- The bidder should enclose their original product sheet/ product list along with detailed specification of each product.
- Financial report of last three consecutive Financial years duly audited by Chartered Accountant.
- Authority letters of Manufacturer
- Certificate of incorporation or any other legal statutory status in India
- Authority letter for the service centre in India.
- Each of the documents should be properly numbered, signed and stamped by bidder.

## ENVELOPE-"P"

- Product serial number, name and quoted price inclusive of all taxes and delivery at the final destination.
- The price should be indicated in words and figures without any overwriting/erasing/cutting/.

Covering Envelop – All the above mentioned wax sealed envelopes ( "T" & "P") must be kept in this sealed envelope – This sealed envelope clearly earmarked "**GIZ TENDER FOR Biomedical equipment REF : 91151794**" should be delivered at GIZ, within specified date, time at below address:

The Head of Procurement  
GIZ GmbH  
46, Paschimi Marg,  
Vasant Vihar, New Delhi-110057

### **13 Bid Submission Date**

Date of publishing the tender document: 20<sup>th</sup> August, 2021

Last date of receiving queries: 26<sup>th</sup> August, 2021

Last date of submission of the tender: 15<sup>th</sup> September, 2021

### **14 Performance Security Deposit**

Selected bidder (winning agency) must submit a security of Rs. 50,00,000/- (Rupees Fifty Lac only) in the form of BANK GUARANTEE issued by any Nationalized Bank will have to be deposited in favour of GIZ on signing of contract. Performance Security deposit of successful bidder will be returned without any interest on receipt of satisfactory performance report from State's Health departments after the expiry of the contract.

### **15 Authority of person signing document**

A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed to warranty, that he has authority to bind such other and if, on enquiry, it appears that the person so, signing had no authority to do so, the GIZ may without prejudice to other Civil and criminal remedies cancel contract and held the signatory liable for all cost and damages.

## **16 Subletting of Contract**

The Bidder shall not sublet, transfer or assign the contract or any part thereof. In the event of the Bidder contravening this condition the GIZ, will be entitled to place the contract elsewhere on the Bidders account at his risk and the Bidder shall be liable for any loss or damage to the GIZ, may sustain in consequence of arising out of such replacing of the contract.

## **17 Insolvency and Breach of Contract**

GIZ may at any time by notice in writing summarily terminate the contract without any compensation to the bidder in any of the following contingencies, that is to say:

- If the bidder being an individual or if firm, any partner in the bidder's firm, shall at any time be adjudged insolvent or shall have a receiving order or orders for administration of his estate made against him or shall take any proceedings for liquidation or composition under any insolvency Act for the time being in force or shall make any conveyance or assignment of this effects or enter into any arrangements or composition with his creditors or suspend payment or if the firm be dissolved under Partnership Act, or
- If the bidder being a company shall pass a resolution or the courts shall make an order for the liquidation of the affairs or a receiver or Manager on behalf of the debenture holder shall be appointed or circumstances shall have arisen which entitled the court or debenture holders to appoint a receiver or Manager, or
- If the bidder commits any breach of this contract not herein specifically provided for in the tender document. Provided always that such determination shall not prejudice any right of action or remedy which shall have accrued or shall accrue thereafter to the purchaser and provided also that the bidder shall be liable to pay the purchaser for any extra expenditure incurred thereby put to but shall not be entitled to any gain on repurchased.

## **18 Opening and Evaluation of Tender**

- The following Tenders will be **DISQUALIFIED**:
  - Bids/Proposals received after deadline of submission.

- Bids/Proposals submitted by fax/email or any other email ID's.
  - Incomplete or partial Bids.
  - Bidders not meeting eligibility/commercial suitability
- The Financial bids will be evaluated only in respect of those bidders, which meet the technical bid criteria mentioned above by submitting all relevant documents.
  - Based on the offers presented, the different proposals will be scored for excellence and final selection will be made of the best of the offers with lowest prices and delivery time (in weeks), 70 % weightage will be awarded for financial evaluation and 30 % weightage will be awarded for delivery time committed.

The individual Bidder's financial scores (FS) are normalized as per the formula below:

$F_n = F_{min}/F_b * 100$  (rounded off to 2 decimal places) Where,  
 $F_n$ = Normalized financial score for the Bidder under consideration  
 $F_b$ = Absolute financial quote for the Bidder under consideration  
 $F_{min}$ = Minimum absolute financial quote

The individual Bidder's Delivery time scores (DS) are normalized as per the formula below:

$D_n = D_{min}/D_b * 100$  Where,  
 $D_n$ = Normalized delivery time score for the Bidder under consideration  
 $D_b$ = Absolute delivery time (in weeks) for the Bidder under consideration  
 $D_{min}$ = Minimum absolute delivery time in weeks

Composite Score (S) =  $F_n * 0.7 + D_n * 0.3$

The Bidder with the highest Composite Score(S) would be awarded the contract.

- GIZ will not pay for expenses or losses, which may be incurred by any bidder in preparation of his Tender.

## **19 Cancellation of Tendering Action**

- The Tendering Action can be cancelled, if
  - (a) No Tender has been received which corresponds to the Tender Conditions,
  - (b) There have been substantial changes to the basis of the Tendering Action,
 or
  - (c) There are other serious reasons for such a cancellation.

- The Bidders will be informed without delay of the cancellation of the Tendering Action by the GIZ or his authorized representative and of the reasons for the same.
- This tender notification does not entail any commitment on the part of GIZ, either financial or otherwise. GIZ reserves the right to accept or reject any or all proposals without incurring any obligation to inform the affected applicant/s of the grounds.
- Cost incurred towards submitting the bids will in any case not be reimbursed/paid by GIZ

## **20 Other information**

- The State Government will own all the machine as mentioned above under section 5.
- Tax clause: As per the Indian Tax Law, tax at source has to be deducted on payments to supplier, if such payments exceed Indian Rupees 30,000 per year
- Service tax will be paid as per law and as per current prevailing rate.
- Confidentiality: All information and documentation given to the Agency is strictly confidential and may be used only for the purposes of completing this assignment.
- Amendments of the Terms of Reference: These TOR may be amended in writing only, subject to agreement of GIZ and the supplier.
- Foreclosure of contract:
  - a) In the event of non-performance of the supplier, GIZ reserves the right to foreclose the contract.
  - b) In the event of any unforeseen, unavoidable circumstances, GIZ reserves the right to foreclose the contract. The reasons for closing the contract shall be communicated to the supplier.
  - c) GIZ reserves the right to take a decision of either continuing or foreclosing the contract in case the Implementation Agreement of IGUHC with the MoHFW/NHA is not signed.

Annexure C: Covering letter

**Covering Letter**  
**(To be submitted along with the Proposal/bid on company's Letter Head)**

M/s .....

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To,

The Head of Contracts and Procurement  
GIZ India, GDCO Office  
46, Paschimi Marg, Vasant Vihar  
New Delhi – 110 057

**Subject: Offer in response to Tender No. 91153196**

Dear Sir/ Madam,

I/We the undersigned hereby offer to execute the scope of work and accordingly submit our offer in full compliance with terms & conditions of the bid.

The bid is being submitted as per the instructions mentioned in the tender documents.

Name of the Contact Person	
Mobile Number	
Email Id	
Land line Number, if any	
Office address	

**(Signature and stamp of Bidder)**

**Annexure D: Declaration by the bidder**

**Declaration by the bidder (to be submitted along with the bid)**

I/We the undersigned (herein after referred to as manufacturer) having fully understood the nature of the work and having carefully noted design, specification, terms and conditions, etc. as mentioned in the bid document do hereby declare that,

1. All the requirements of the bid document have been understood properly and accordingly agree with all provisions of the bid document and accept all risks, responsibilities and obligations directly or indirectly connected with the performance of the bid.
2. All the relevant information with regard to proper execution of the proposed work have been understood, with respect to the proposed specifications, its intended end use, availability of required materials and labour etc.
3. Are capable of executing and completing the work as required in the bid and is financially sound to execute the scope of work as per the work execution schedule. We have sufficient experience and are competent enough to perform the contract up to the satisfaction of GIZ. We also give the assurance to execute the scope of work as per the specifications, terms and conditions on award of order.
4. We have no collusion with other bidders, any employee of GIZ or team engaged in executing the scope of work.
5. We have not been influenced by any statement or promises by any employee of GIZ or anyone from the team engaged by GIZ but only by the bid document.
6. We are familiar with all general and special laws, acts, ordinances, rules and regulations of the Municipal, District, State and Central Government that may affect the work, its performance or personnel employed therein.
7. We have never been debarred to undertake similar work by any Government undertaking/department, never been blacklisted or our companies' contract been terminated due to poor performance
8. The submitted offer will remain valid for acceptance for 90 days from the last date of submission of bid.
9. All the information and the statements submitted with the bid are true to the best of knowledge.
10. We are not engage in any kind of child labour nor any of our partner/suppliers are indulge in any child labour activities.

(Signature and stamp of Bidder)

Name:

Seal/Stamp:

Date: